

Image

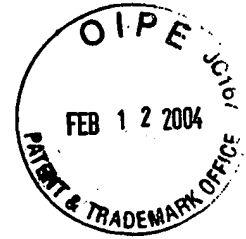
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02/05/04

PATENT APPLICATION  
DOCKET NO.: 2825.2019-001

1631

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Nir Hacohen, Qian Huang, and Dongyu Liu  
Application: 10/085,982 Group: 1631  
Filed: October 24, 2001 Examiner: C. Smith  
Confirmation No.: 7046  
Title: Response of Dendritic Cells to a Diverse Set of Pathogens



CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
2-10-04	Jane Morgan
Date	Signature
JANE MORGAN	
Typed or printed name of person signing certificate	

TRANSMITTAL OF REVOCATION OF POWERS OF ATTORNEY  
AND APPOINTMENT OF NEW ATTORNEYS AND/OR AGENTS  
AND CHANGE OF CORRESPONDENCE ADDRESS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed herewith are an executed Revocation of Powers of Attorney and Appointment of New Attorneys and/or Agents and Change of Correspondence Address with Attachment A, and a Statement under 37 C.F.R. §3.73(b) with Attachment A, for filing in the above-captioned matter.

10/085,982

-2-

Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

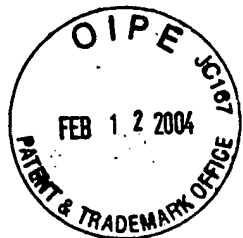
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By: Anne J. Collins  
Anne J. Collins  
Registration No.: 40,564  
Telephone: (978) 341-0036  
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date:

*February 10, 2004*



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>CERTIFICATE OF MAILING OR TRANSMISSION</b>	
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<u>2-10-04</u>	<u>Jane Morgan</u>
Date	Signature
<u>JANE MORGAN</u>	
Typed or printed name of person signing certificate	

REVOCATION OF POWERS OF ATTORNEY  
AND APPOINTMENT OF NEW ATTORNEYS AND/OR AGENTS  
AND CHANGE OF CORRESPONDENCE ADDRESS

Commissioner for Patents -  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Whitehead Institute of Biomedical Research, a corporation duly organized under the laws of the state of Delaware, is the assignee of the entire right, title and interest in the applications and patents listed on the attached Schedule A. Whitehead Institute of Biomedical Research hereby appoints the attorneys and/or agents associated with:

Customer No. 28120  
Ropes & Gray LLP  
One International Place  
Boston, Massachusetts 02110-2624

to prosecute the applications and patents listed on Schedule A, and any divisions or continuations thereof, and to conduct all business in the United States Patent and Trademark Office. All previously granted Powers of Attorney are hereby revoked.

A Statement under 37 C.F.R. §3.73(b) is submitted herewith.

All correspondence should be sent to Lisa M. Treannie, Esq. (Registration No. 41,368), Ropes & Gray LLP, One International Place, Boston, Massachusetts 02110-2624. Please direct all telephone calls to Lisa M. Treannie, Esq., at (617) 951-7000, and all facsimile communications to (617) 951-7050.

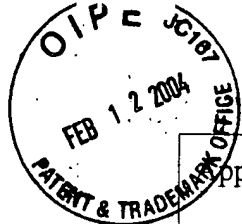
Respectfully submitted,

Whitehead Institute for Biomedical Research

By Patricia Ganahan

Title Patent Counsel

Date February 9, 2004



ATTACHMENT A

Applicants:	David G. Wang Eric S. Lander	Atty. Docket No.:	2825.1002-000
Application No.:	09/076,575	Group:	1637
Filed:	May 12, 1998	Examiner:	J. Tung
Confirmation No.:	4998		
Title:	Multiplex Amplification and Labeling of Large Numbers of DNA Targets Using Chimeric Primers		
Patent No.:	Granted:		
Assignee:	Whitehead Institute for Biomedical Research		
Recordation Date:	September 14, 1998	Reel: 9447	Frame(s): 0250-0253
Applicants:	Eric S. Lander George Q. Daley Michele A. Cargill James S. Ireland Steven G. Rozen	Atty. Docket No.:	2825.1005-000
Application No.:	09/054,272	Group:	
Filed:	April 1, 1998	Examiner:	
Confirmation No.:			
Title:	Coding Sequence Polymorphisms In Vascular Pathology Genes		
Patent No.:	6,692,909	Granted:	February 17, 2004
Assignee:	Whitehead Institute for Biomedical Research		
Recordation Date:	June 9, 1998	Reel: 9535	Frame(s): 0048-0052
Applicants:	Frank C.P. Holstege Richard A. Young	Atty. Docket No.:	2825.1006-003
Application No.:	09/326,137	Group:	
Filed:	June 4, 1999	Examiner:	
Confirmation No.:			
Title:	Dissecting The Regulatory Circuitry Of A Eukaryotic Genome		
Patent No.:	6,653,071 B1	Granted:	November 25, 2003
Assignee:	Whitehead Institute for Biomedical Research		
Recordation Date:	September 10, 1999	Reel: 010221	Frame(s): 0237-0243

Applicants:	Frank C. P. Holstege Richard A. Young	Atty. Docket No.:	2825.1006-004
Application No.:	10/445,747	Group:	1655
Filed:	May 27, 2003	Examiner:	Not Assigned
Confirmation No.:	2030		
Title:	Dissecting The Regulatory Circuitry Of A Eukaryotic Genome		
Patent No.:	Granted:		
Assignee:	Whitehead Institute for Biomedical Research		
Recordation Date:	9/10/99	Reel:	010221      Frame(s): 0237-0243
Applicants:	Douglas Fambrough Eric S. Lander	Atty. Docket No.:	2825.1010-002
Application No.:	09/418,946	Group:	1646
Filed:	October 15, 1999	Examiner:	Joseph F. Murphy
Confirmation No.:	9511		
Title:	Method For Defining Receptor Protein Kinase-Induced Patterns Of Gene Expression		
Patent No.:	Granted:		
Assignee:	Whitehead Institute for Biomedical Research		
Recordation Date:	10-12-00	Reel:	011171      Frame(s):0574-0577
Applicants:	Hiten D. Madhani Eric S. Lander	Atty. Docket No.:	2825.1013-002
Application No.:	09/439,969	Group:	1636
Filed:	November 12, 1999	Examiner:	Gerald G. Leffers, Jr.
Confirmation No.:	2363		
Title:	Targets Of The MAP Kinase Pathway In The Developmental Switch in Yeast		
Patent No.:	Granted:		
Assignee:	Whitehead Institute for Biomedical Research		
Recordation Date:	7-28-00 2-27-02	Reel:	011017      Frame(s): 0354-0356 012675      0250-0252

Applicants:	Stacey Bolk Joel N. Hirschhorn James S. Ireland Eric S. Lander	Atty. Docket No.: 2825.1019-004
Application No.:	09/615,216	Group:
Filed:	July 13, 2000	Examiner:
Confirmation No.:		
Title:	Generic SBE-FRET Protocol	
Patent No.:	6,642,001 B1	Granted: November 4, 2003
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	November 13, 2000	Reel: 011290 Frame(s): 0184-0188
Applicants:	David de Graaf Eric S. Lander	Atty. Docket No.: 2825.1023-001
Application No.:	09/804,481	Group: 1639
Filed:	March 12, 2001	Examiner: J.D. Epperson
Confirmation No.:	1227	
Title:	Novel Small Nuclear RNA Vectors And Uses Therefor	
Patent No.:	Granted:	
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	January 23, 2003	Reel: 013682 Frame(s): 0710-0716
Applicants:	David de Graaf Eric S. Lander	Atty. Docket No.: 2825.2010-001
Application No.:	09/822,789	Group: -
Filed:	March 30, 2001	Examiner: -
Confirmation No.:	-	
Title:	Referenced Amplification Of Small Quantities Of RNA	
Patent No.:	6,602,665 B2	Granted: August 5, 2003
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	January 23, 2003	Reel: 013682 Frame(s): 0670-0675

Applicants:	David de Graaf Eric S. Lander	Attorney Docket No. 2825.2018-001
Application No.:	09/916,179	Group: 1634
Filed:	July 25, 2001	Examiner: A.K. Chakrabarti
Confirmation No.:	7115	
Title:	Differential Gene Expression In Intestinal Polyps	
Patent No.:	Granted:	
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	January 4, 2002	Reel: 012425    Frame(s): 0256-0262
Applicants:	Nir Hacohen Qian Huang Dongyu Liu	Atty. Docket No.: 2825.2019-001
Application No.:	10/085,982	Group: 1631
Filed:	October 24, 2001	Examiner: C. Smith
Confirmation No.:	7046	
Title:	Response of Dendritic Cells to a Diverse Set of Pathogens	
Patent No.:	Granted:	
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	July 30, 2002	Reel: 013136    Frame(s): 0016-0019
Applicants:	Shawn M. O'Malley	Atty. Docket No.: 2825.2038-001
Application No.:	10/314,901	Group: 1645
Filed:	December 9, 2002	Examiner: Not Assigned
Confirmation No.:	9646	
Title:	Methods And Reagents For Improving Nucleic Acid Detection	
Patent No.:	Granted:	
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	Copy attached	Reel: -    Frame(s): -



Applicants:	Gerard J. Nau Joan F.L. Richmond	Atty. Docket No.: 2825.2044-000
Application No.:	10/350,797	Group: 1645
Filed:	January 22, 2003	Examiner: Not Assigned
Confirmation No.:	3572	
Title:	Diagnostic And Therapeutic Applications For Biomarkers Of Infection	
Patent No.:	Granted:	
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	Copy of Nau Assignment Attached	Copy of Intellectual Property Agreement of Joan Richmond



STATEMENT UNDER 37 C.F.R. § 3.73(b)

Whitehead Institute of Biomedical Research, a

(Name of Assignee)

corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☒ the assignee of the entire right, title and interest in the patent applications and patents identified on the attached Schedule A; or
- B. ☐ an assignee together with ☐ of the entire right, title and interest in the patent application identified above.

The right, title and interest of the above-named assignee in the patent application identified on the attached Schedule A is established by virtue of:

- A. ☒ An assignment from the inventor(s) of the patent applications/patents identified on the attached Schedule A. The assignment was recorded in the Patent and Trademark Office at Reel(s) and Frame(s) indicated in Attachment A, or a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

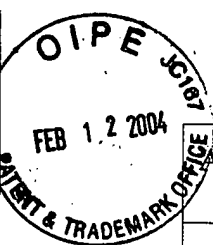
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: February 9, 2004

Name: Patricia Granahan

Title: Patent Counsel

Signature: Patricia Granahan



ATTACHMENT A

Applicants:	David G. Wang Eric S. Lander	Atty. Docket No.: 2825.1002-000
Application No.:	09/076,575	Group: 1637
Filed:	May 12, 1998	Examiner: J. Tung
Confirmation No.:	4998	
Title:	Multiplex Amplification and Labeling of Large Numbers of DNA Targets Using Chimeric Primers	
Patent No.:	Granted:	
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	September 14, 1998	Reel: 9447      Frame(s): 0250-0253
Applicants:	Eric S. Lander George Q. Daley Michele A. Cargill James S. Ireland Steven G. Rozen	Atty. Docket No.: 2825.1005-000
Application No.:	09/054,272	Group:
Filed:	April 1, 1998	Examiner:
Confirmation No.:		
Title:	Coding Sequence Polymorphisms In Vascular Pathology Genes	
Patent No.:	6,692,909	Granted: February 17, 2004
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	June 9, 1998	Reel: 9535      Frame(s): 0048-0052
Applicants:	Frank C.P. Holstege Richard A. Young	Atty. Docket No.: 2825.1006-003
Application No.:	09/326,137	Group:
Filed:	June 4, 1999	Examiner:
Confirmation No.:		
Title:	Dissecting The Regulatory Circuitry Of A Eukaryotic Genome	
Patent No.:	6,653,071 B1	Granted: November 25, 2003
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	September 10, 1999	Reel: 010221      Frame(s): 0237-0243

Applicants:	Frank C. P. Holstege Richard A. Young	Atty. Docket No.: 2825.1006-004
Application No.:	10/445,747	Group: 1655
Filed:	May 27, 2003	Examiner: Not Assigned
Confirmation No.:	2030	
Title:	Dissecting The Regulatory Circuitry Of A Eukaryotic Genome	
Patent No.:	Granted:	
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	9/10/99	Reel: 010221 Frame(s): 0237-0243
Applicants:	Douglas Fambrough Eric S. Lander	Atty. Docket No.: 2825.1010-002
Application No.:	09/418,946	Group: 1646
Filed:	October 15, 1999	Examiner: Joseph F. Murphy
Confirmation No.:	9511	
Title:	Method For Defining Receptor Protein Kinase-Induced Patterns Of Gene Expression	
Patent No.:	Granted:	
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	10-12-00	Reel: 011171 Frame(s):0574-0577
Applicants:	Hiten D. Madhani Eric S. Lander	Atty. Docket No.: 2825.1013-002
Application No.:	09/439,969	Group: 1636
Filed:	November 12, 1999	Examiner: Gerald G. Leffers, Jr.
Confirmation No.:	2363	
Title:	Targets Of The MAP Kinase Pathway In The Developmental Switch in Yeast	
Patent No.:	Granted:	
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	7-28-00 2-27-02	Reel: 011017 012675 Frame(s): 0354-0356 0250-0252

Applicants:	Stacey Bolk Joel N. Hirschhorn James S. Ireland Eric S. Lander	Atty. Docket No.: 2825.1019-004
Application No.:	09/615,216	Group:
Filed:	July 13, 2000	Examiner:
Confirmation No.:		
Title:	Generic SBE-FRET Protocol	
Patent No.:	6,642,001 B1	Granted: November 4, 2003
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	November 13, 2000	Reel: 011290 Frame(s): 0184-0188
Applicants:	David de Graaf Eric S. Lander	Atty. Docket No.: 2825.1023-001
Application No.:	09/804,481	Group: 1639
Filed:	March 12, 2001	Examiner: J.D. Epperson
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Applicants:	David de Graaf Eric S. Lander	Atty. Docket No.: 2825.2010-001
Application No.:	09/822,789	Group: -
Filed:	March 30, 2001	Examiner: -
Confirmation No.:	-	
Title:	Referenced Amplification Of Small Quantities Of RNA	
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Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	January 23, 2003	Reel: 013682 Frame(s): 0670-0675

Applicants:	David de Graaf Eric S. Lander	Attorney Docket No. 2825.2018-001
Application No.:	09/916,179	Group: 1634
Filed:	July 25, 2001	Examiner: A.K. Chakrabarti
Confirmation No.:	7115	
Title:	Differential Gene Expression In Intestinal Polyps	
Patent No.:	Granted:	
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	January 4, 2002	Reel: 012425 Frame(s): 0256-0262
Applicants:	Nir Hacohen Qian Huang Dongyu Liu	Atty. Docket No.: 2825.2019-001
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Patent No.:	Granted:	
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	Copy attached	Reel: - Frame(s): -

Applicants:	Gerard J. Nau Joan F.L. Richmond	Atty. Docket No.: 2825.2044-000
Application No.:	10/350,797	Group: 1645
Filed:	January 22, 2003	Examiner: Not Assigned
Confirmation No.:	3572	
Title:	Diagnostic And Therapeutic Applications For Biomarkers Of Infection	
Patent No.:	Granted:	
Assignee:	Whitehead Institute for Biomedical Research	
Recordation Date:	Copy of Nau Assignment Attached	Copy of Intellectual Property Agreement of Joan Richmond